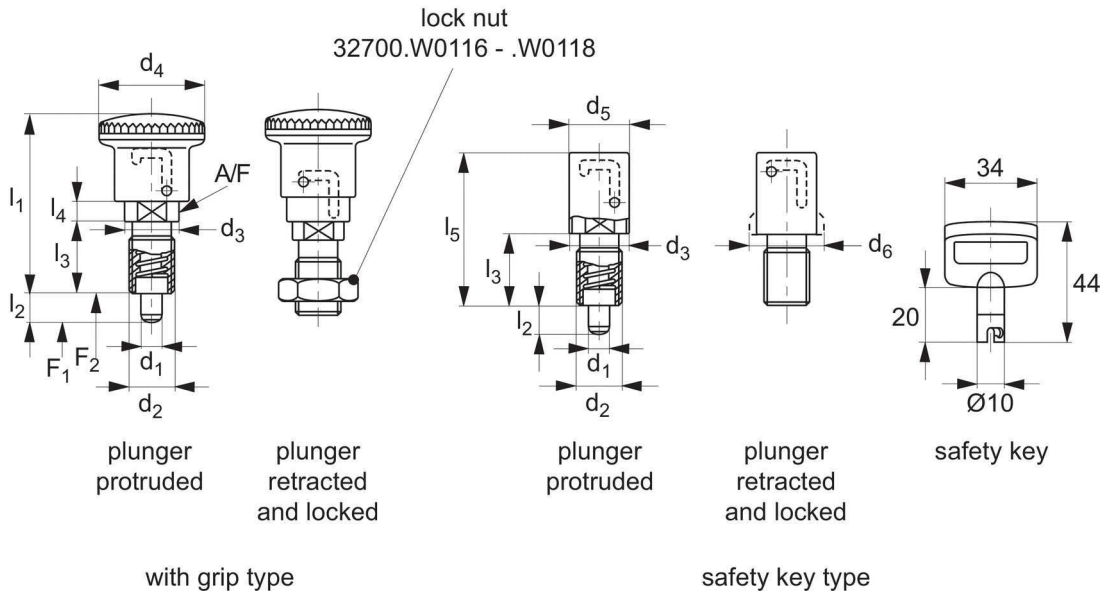


Index plungers - Pull Grip

locking - tamper resistant - pin protruding at start



32781



| Order No. | Type | d ₁ -0, 05 | d ₂ | d ₃ | d ₄ | d ₅ | d ₆ | l ₁ ≈ | l ₂ | l ₃ | l ₄ ≈ | l ₅ | A/F | Spri | Spri | Kg |
|-------------|----------------|-----------------------------|----------------|----------------|----------------|----------------|----------------|---------------------|----------------|----------------|---------------------|----------------|-----|---------------------|---------------------|------|
| | | | | | | | | | | | | | | ng lo | ng lo | |
| | | | | | | | | | | | | | | ad* | ad* | |
| | | | | | | | | | | | | | | F ₁ N | F ₂ N | |
| 32781.W0006 | With Grip | 6 | M12x1,5 | 16 | 28 | 17 | - | 50 | 8 | 20 | 6 | 43 | 14 | 13 | 28 | 0,05 |
| 32781.W0008 | With Grip | 8 | M16x1,5 | 18 | 28 | 17 | 20 | 52 | 10 | 22 | 6 | 48 | 16 | 14 | 38 | 0,05 |
| 32781.W0026 | For Safety key | 6 | M12x1,5 | 16 | 28 | 17 | - | 50 | 8 | 20 | 6 | 43 | 14 | 13 | 28 | 0,03 |
| 32781.W0028 | For Safety key | 8 | M16x1,5 | 18 | 28 | 17 | 20 | 52 | 10 | 22 | 6 | 48 | 16 | 14 | 38 | 0,05 |
| 32700.W0116 | Lock Nut | - | M12x1,5 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 32700.W0118 | Lock Nut | - | M16x1,5 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 32781.W0998 | Safety key | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Material

Body: free cutting steel, zinc plated, blue passivated.

Pin: stainless steel, 1.4305 (AISI 303).

Spring: stainless steel, 1.4310 (AISI 301).

Grip: thermoplastic PA6, black.

Technical Notes

Tamper resistant against unauthorised or accidental actuation.

At start position pin is protruding, when lever is actuated pin retracts.

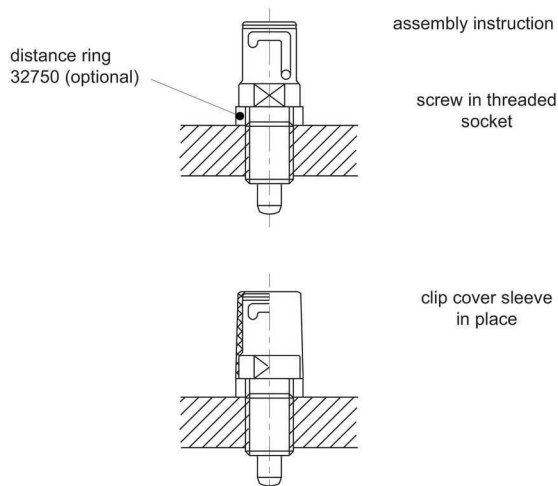
Two different types available; **with grip** - enables pin to be held in retracted/non projecting position; pull back grip, turn 90° to engage 'locking' via a deep notch in plunger body.

with safety key - use key to hold pin in retracted/non-projecting position; acuate key (please order seperately) turn 90° to engage 'locking' via a deep notch in plunger body.

Tips

Grip non-removable.

Spring loads* = statistical average.





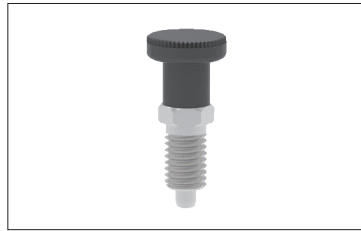
A wide selection of solutions

- Locating and positioning.
- Indexing.
- Securing.
- Positive locking.
- Rapid adjustment of all kinds of tables, platforms and fixtures.
- Machine and fixture design.
- OEM products.
- Sports equipment.
- Medical aides (wheelchairs etc.).
- Aerospace.
- Machine cabinets.

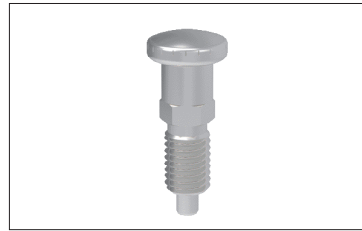
Applications



Steel with plastic grip



Stainless with plastic grip



Stainless body and grip

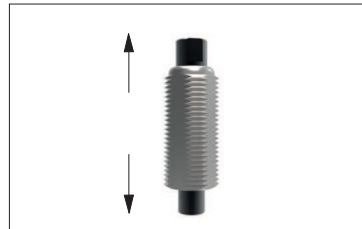
Materials



Locking (park)



Non locking (spring back)



Push pull

Locking or non locking



Standard grip



Lever grip



T-handle



Pull ring



Threaded for bespoke handle

Handling and actuation methods



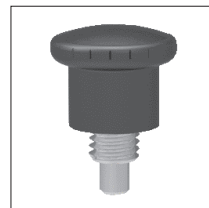
Fine threaded (standard)



Coarse thread



Flange mount



Thin wall mount



Weldable

Mounting options

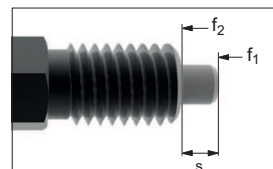
- Unless otherwise stated, grips on index plungers are not removeable.
- Many of the pins on index plungers are toleranced to either the pin or the hole. Please refer to the specific product table.
- Index plungers are not recommended for shear load applications.

Pin Tol. Hole Tol.

| | | |
|---|----------------|----------------|
| ① | h_9 | +0,03 +0,08 |
| ② | -0,02 -0,04 | H ₇ |

Additional technical notes

- s** Stroke, or movement of plunger's pin.
- f₁** The force required in Newtons (N) to overcome the static strength of the spring and achieve initial movement of the plunger's pin.
- f₂** The force required in Newtons (N) to fully compress the spring until the pin is fully depressed against the plunger's body.



Spring loads